



# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(Use as many sheets as necessary)*

Application Number	09/405,653
Filing Date	September 24, 1999
First Named Inventor	Shuming NIE
Group Art Unit	1641
Examiner Name	K. Pham
Attorney Docket Number	202406

Sheet	1	of	1
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OTHER - NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Doc. No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Translation	
			Yes	No**

C. Chin

5/28/02

- \* A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).
- + An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).

FORM PTO-1449

MODIFIED

U.S. DEPARTMENT OF COMMERCE  
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09/405,653INFORMATION DISCLOSURE STATEMENT  
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## U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS		PATENT NUMBER	ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
u	AZ	3,996,345	12/07/76	Ullman et al.	/	/	/
	BA	4,637,988	01/20/87	Hinshaw et al.	/	/	/
	BB	4,777,128	10/11/88	Lippa	/	/	/
	BC	5,505,928	04/09/96	Alivisatos et al.	/	/	/
	BD	5,319,209	06/07/94	Miyakawa et al.	/	/	/
u	BE	5,674,698	10/07/97	Zarling et al.	/	/	/

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO*
u	BF	WO 98/04740	02/05/98	WIPO	/	/		

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

u	BG	Alivisatos et al., "Organization of Nanocrystal Molecules Using DNA," <i>Nature</i> , 382, 609-611 (1996)
	BH	Bruchez et al., "Semiconductor Nanocrystals as Fluorescent Probes for Biology," <i>Cytometry, Supp.</i> 9, 26 (1998)
	BI	Coffer et al., "Characterization of Quantum-Confined CdS Nanocrystallites Stabilized by Deoxyribonucleic Acid (DNA)," <i>Nanotechnol.</i> , 3, 69-76 (1992) ✓
	BJ	Jacoby, "Quantum Dots Meet Biomolecules," <i>C&amp;E News</i> , 9/28, 8 (, 819, 898, 8)
	BK	Kagan et al., "Electronic Energy Transfer in CdSe Quantum Dot Solids," <i>Phys. Rev. Lett.</i> , 76, 1577-1580 (1996) ✓
	BL	Kuno et al., "The Band Edge Luminescence of Surface Modified CdSe Nanocrystallites: Probing the Luminescing State," <i>J. Chem. Phys.</i> , 106, 9869-9882 (1997)
	BM	Liz-Marzan et al., "Synthesis of Nanosized Gold-Silica Core-Shell Particles," <i>Langmuir</i> , 12, 4329-4335 (1996)
	BN	Mahtab et al., "Preferential-Absorption of a 'Kinked' DNA to a Neutral Curved Surface: Comparison to and Implications for Nonspecific DNA-Protein Interactions," <i>J. Am. Chem. Soc.</i> , 118, 7028-7032 (1996) ✓
	BO	Mikulec et al., <i>Mat. Res. Soc. Symp.</i> , 452, 359-364 (1997)
	BP	Murphy et al., "Quantum Dots as Inorganic DNA-Binding Proteins," <i>Mat. Res. Soc. Symp.</i> , 452, 597-600 (1997) ✓
	BQ	Nicolaou et al., "Radiofrequency Encoded Combinatorial Chemistry," <i>Angew. Chem. Int. Ed. Engl.</i> , 34, 2289-2291 (1995)
	BR	Peng et al., "Epitaxial Growth of Highly Luminescent CdSe/CdS Core/Shell Nanocrystals with Photostability and Electronic Accessibility," <i>J. Am. Chem. Soc.</i> , 119, 7019-7029 (1997) ✓
	BS	Shrock et al., "Multicolor Spectral Karyotyping of Human Chromosomes," <i>Science</i> , 273, 494-497 (1996) ✓
	BT	Whitesell et al., "Directionally Aligned Helical Peptides on Surfaces," <i>Science</i> , 261, 73-76 (1993) ✓
u	BU	Zhang et al., "Novel Flow Cytometry Compensation Standards: Internally Stained Fluorescent Microspheres with Matched Emission Spectra and Long-Term Stability," <i>Cytometry</i> , 33, 244-248 (1998) ✓

EXAMINER

C. Chin

DATE CONSIDERED

5/10/00

\*A concise statement of relevance is being submitted in lieu of a translation. 37 CFR § 1.98(b).